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NEWS 6 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS 7 Apr 22 BIOSIS Gene Names now available in TOXCENTER
NEWS 8 Apr 22 Federal Research in Progress (FEDRIP) now available
NEWS 9 Jun 03 New e-mail delivery for search results now available
NEWS 10 Jun 10 MEDLINE Reload
NEWS 11 Jun 10 PCTFULL has been reloaded
NEWS 12 Jul 02 FOREGE no longer contains STANDARDS file segment
NEWS 13 Jul 22 USAN to be reloaded July 28, 2002;
saved answer sets no longer valid
NEWS 14 Jul 29 Enhanced polymer searching in REGISTRY
NEWS 15 Jul 30 NETFIRST to be removed from STN
NEWS 16 Aug 08 CANCERLIT reload
NEWS 17 Aug 08 PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 18 Aug 08 NTIS has been reloaded and enhanced
NEWS 19 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)
now available on STN
NEWS 20 Aug 19 IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS 21 Aug 19 The MEDLINE file segment of TOXCENTER has been reloaded
NEWS 22 Aug 26 Sequence searching in REGISTRY enhanced
NEWS 23 Sep 03 JAPIO has been reloaded and enhanced
NEWS 24 Sep 16 Experimental properties added to the REGISTRY file
NEWS 25 Sep 16 CA Section Thesaurus available in CAPLUS and CA
NEWS 26 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985
NEWS 27 Oct 21 EVENTLINE has been reloaded
NEWS 28 Oct 24 BEILSTEIN adds new search fields
NEWS 29 Oct 24 Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 30 Oct 25 MEDLINE SDI run of October 8, 2002
NEWS 31 Nov 18 DKILIT has been renamed APOLLIT
NEWS 32 Nov 25 More calculated properties added to REGISTRY
NEWS 33 Dec 02 TIBKAT will be removed from STN
NEWS 34 Dec 04 CSA files on STN
NEWS 35 Dec 17 PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS 36 Dec 17 TOXCENTER enhanced with additional content
NEWS 37 Dec 17 Adis Clinical Trials Insight now available on STN
NEWS 38 Dec 30 ISMEC no longer available

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=> s vlcfa and elongase  
L1 0 VLCFA AND ELONAGASE  
  
=> s vlcfa and plant  
L2 78 VLCFA AND PLANT  
  
=> s l2 and transform?  
L3 12 L2 AND TRANSFORM?
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PROCESSING COMPLETED FOR L3
L4 6 DUPLICATE REMOVE L3 (6 DUPLICATES REMOVED)

=> d 14 1-6

L4 ANSWER 1 OF 6 AGRICOLA DUPLICATE 1
AN 2001:80823 AGRICOLA
DN IND23234498
TI Improving erucic acid content in rapeseed through biotechnology: what can the Arabidopsis FAE1 and the yeast SLC1-1 genes contribute?
AU Katavic, V.; Friesen, W.; Barton, D.L.; Gossen, K.K.; Giblin, E.M.; Luciw, T.; An, J.; Zou, J.; MacKenzie, S.L.; Keller, W.A.; Males, D.; Taylor, D.C.
AV DNAL (64.8 C883)
SO Crop science, May/June 2001. Vol. 41, No. 3. p. 739-747
Publisher: Madison, Wis. : Crop Science Society of America, 1961-
CODEN: CRPSAY; ISSN: 0011-183X
NTE Includes references
CY United States; Wisconsin
DT Article
FS U.S. Imprints not USDA, Experiment or Extension
LA English

L4 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2003 ACS
AN 2001:503137 CAPLUS
DN 136:163212
TI Functional characterization of .beta.-ketoacyl-CoA synthase genes from Brassica napus L.
AU Han, Jixiang; Luhs, Wilfried; Sonntag, Karin; Zahringen, Ulrich; Borchardt, Dorothea S.; Wolter, Frank P.; Heinz, Ernst; Frentzen, Margrit
CS Universitat Hamburg, Institut fur Allgemeine Botanik, Hamburg, 22609, Germany
SO Plant Molecular Biology (2001), 46(2), 229-239
CODEN: PMBIDB; ISSN: 0167-4412
PB Kluwer Academic Publishers
DT Journal
LA English
RE.CNT 55 THERE ARE 55 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2003 ACS
AN 1998:712364 CAPLUS
DN 129:311737
TI Nucleic acids encoding a Arabidopsis thaliana enzyme involved in very long chain fatty acid synthesis
IN Kunst, Ljerka; Millar, Anthony A.
PA The University of British Columbia, Can.
SO PCT Int. Appl., 58 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 9846766	A1	19981022	WO 1998-CA343	19980414	
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	US 6274790	B1	20010814	US 1998-58947	19980410	
	AU 9870191	A1	19981111	AU 1998-70191	19980414	
	AU 750707	B2	20020725			
	EP 975767	A1	20000202	EP 1998-916693	19980414	
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	US 2002116735	A1	20020822	US 2001-892325	20010626	
PRAI	US 1997-43831P	P	19970414			
	US 1998-958947	A	19980410			
	US 1998-58947	A3	19980410			
	WO 1998-CA343	W	19980414			
RE.CNT	5	THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD				
	ALL CITATIONS AVAILABLE IN THE RE FORMAT					

L4 ANSWER 4 OF 6 AGRICOLA DUPLICATE 2
AN 1999:32154 AGRICOLA
DN IND21979988
TI Accumulation of very-long-chain fatty acids in membrane glycerolipids is associated with dramatic alterations in ***plant*** morphology.
AU Miller, A.A.; Wrischer, M.; Kunst, L.
CS University of British Columbia, Vancouver, British Columbia, Canada.
AV DNAL (QK725.P532)
SO The Plant cell, Nov 1998. Vol. 10, No. 11. p. 1889-1902
Publisher: [Rockville, MD : American Society of Plant Physiologists, c1989-
CODEN: PLCEEW; ISSN: 1040-4651
NTE Includes references
CY Maryland; United States
DT Article
FS U.S. Imprints not USDA, Experiment or Extension
LA English

L4 ANSWER 5 OF 6 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN 1998:347260 BIOSIS
DN PREV199800347260
TI Pleiotropic phenotype of acetyl-CoA-carboxylase-defective yeast cells viability of a BPL1-amber mutation depending on its readthrough by normal tRNACAGGln.
AU Hoja, Ursula; Wellein, Christian; Greiner, Eva; Schweizer, Eckhart (1)
CS (1) Lehrstuhl Biochem., Univ. Erlangen-Nuernberg, Staudtstr. 5, D-91058 Erlangen Germany
SO European Journal of Biochemistry, (June, 1998) Vol. 254, No. 3, pp. 520-526.
ISSN: 0014-2956.
DT Article
LA English

L4 ANSWER 6 OF 6 AGRICOLA DUPLICATE 3
AN 96:27473 AGRICOLA
DN IND20510521
TI A jojoba beta-ketoacyl-CoA synthase cDNA complements the canola fatty acid elongation mutation in transgenic ***plants*** .
AU Lassner, M.W.; Lardizabal, K.; Metz, J.G.
CS Calgene, Inc., Davis, CA.
AV DNAL (QK725.P532)
SO The Plant cell, Feb 1996. Vol. 8, No. 2. p. 281-292
Publisher: [Rockville, MD : American Society of Plant Physiologists, c1989-
CODEN: PLCEEW; ISSN: 1040-4651
NTE Includes references
CY Maryland; United States
DT Article
FS U.S. Imprints not USDA, Experiment or Extension
LA English

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L5 0 FAE1 AND BRASSICA

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COST IN U.S. DOLLARS ENTRY SESSION
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L7 38 DUPLICATE REMOVE L6 (47 DUPLICATES REMOVED)

=> s 17 and plant
L8 31 L7 AND PLANT

=> d 18 1-31 ti

L8 ANSWER 1 OF 31 AGRICOLA
TI Identification of a mutant fatty acid elongase allele from zero-percent erucic acid *Sinapis alba*.

L8 ANSWER 2 OF 31 AGRICOLA
TI Expression of the ***FAE1*** gene and ***FAE1*** promoter activity in developing seeds of *Arabidopsis thaliana*.

L8 ANSWER 3 OF 31 AGRICOLA
TI Improving erucic acid content in rapeseed through biotechnology: what can the *Arabidopsis* ***FAE1*** and the yeast SLC1-1 genes contribute?

L8 ANSWER 4 OF 31 AGRICOLA
TI Functional characterization of beta-ketoacyl-CoA synthase genes from *Brassica napus* L.

L8 ANSWER 5 OF 31 AGRICOLA
TI Active-site residues of a ***plant*** membrane-bound fatty acid elongase beta-ketoacyl-CoA synthase, ***FAE1*** KCS.

L8 ANSWER 6 OF 31 AGRICOLA
TI Production of fatty acid components of meadowfoam oil in somatic soybean embryos.

L8 ANSWER 7 OF 31 AGRICOLA
TI The two genes homologous to *Arabidopsis* ***FAE1*** co-segregate with the two loci governing erucic acid content in *Brassica napus*.

L8 ANSWER 8 OF 31 AGRICOLA
TI A rapeseed ***FAE1*** gene is linked to the E1 locus associated with variation in the content of erucic acid.

L8 ANSWER 9 OF 31 AGRICOLA
TI Very-long-chain fatty acid biosynthesis is controlled through the expression and specificity of the condensing enzyme.

L8 ANSWER 10 OF 31 AGRICOLA
TI A jojoba beta-ketoacyl-CoA synthase cDNA complements the canola fatty acid elongation mutation in transgenic ***plants*** .

L8 ANSWER 11 OF 31 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI Expression of meadowfoam Des5 and ***FAE1*** genes in yeast and in transgenic soybean somatic embryos, and their roles in fatty acid modification.

- L8 ANSWER 12 OF 31 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI Restoring enzyme activity in nonfunctional low erucic acid *Brassica napus* fatty acid elongase 1 by a single amino acid substitution.
- L8 ANSWER 13 OF 31 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI Studies into factors contributing to substrate specificity of membrane-bound 3-ketoacyl-CoA synthases.
- L8 ANSWER 14 OF 31 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI A *Saccharomyces cerevisiae* gene required for heterologous fatty acid elongase activity encodes a microsomal beta-keto-reductase.
- L8 ANSWER 15 OF 31 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI ***FAE1*** genes and their uses.
- L8 ANSWER 16 OF 31 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI ***FAE1*** genes and their uses.
- L8 ANSWER 17 OF 31 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI Utility of the *Arabidopsis* ***FAE1*** and yeast SLC1-1 genes for improvements in erucic acid and oil content in rapeseed.
- L8 ANSWER 18 OF 31 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI Production of hydroxy fatty acids in the seeds of *Arabidopsis thaliana*.
- L8 ANSWER 19 OF 31 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI Mutations in the fatty acid elongation 1 gene are associated with a loss of beta-ketoacyl-CoA synthase activity in low erucic acid rapeseed.
- L8 ANSWER 20 OF 31 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI Molecular cloning and characterization of FATTY ACID ELONGATION1 (BjFAE1) gene of *Brassica juncea*.
- L8 ANSWER 21 OF 31 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI Efficient PCR walking on ***plant*** genomic DNA.
- L8 ANSWER 22 OF 31 CAPLUS COPYRIGHT 2003 ACS
TI Sequence of seed-specific promoters ***FAE1*** -1 and ***FAE1*** -2 and their used in modification of ***plant*** oil biosynthesis
- L8 ANSWER 23 OF 31 CAPLUS COPYRIGHT 2003 ACS
TI Cloning and molecular characterization of the Fatty Acid Elongase 1 (FAE 1) gene from high and low erucic acid lines of *Brassica campestris* and *Brassica oleracea*
- L8 ANSWER 24 OF 31 CAPLUS COPYRIGHT 2003 ACS
TI Chimeric fatty acid elongase 3-ketoacyl-CoA synthase comprising *Arabidopsis thaliana* and *Brassica napus* enzymes with altered substrate specificity and/or catalytic activity
- L8 ANSWER 25 OF 31 CAPLUS COPYRIGHT 2003 ACS
TI DNA molecule encoding *Lesquerella fendleri* gene LfKCS3, its sequence and use in production of very long chain fatty acids in seed oil
- L8 ANSWER 26 OF 31 CAPLUS COPYRIGHT 2003 ACS
TI Regulation of embryonic transcription in ***plants***

L8 ANSWER 27 OF 31 CAPLUS COPYRIGHT 2003 ACS
TI Accumulation of very-long-chain fatty acids in membrane glycerolipids is associated with dramatic alterations in ***plant*** morphology

L8 ANSWER 28 OF 31 CAPLUS COPYRIGHT 2003 ACS
TI Fatty acid elongases of Arabidopsis involved in the synthesis of very long chain fatty acids and the genes encoding them

L8 ANSWER 29 OF 31 CAPLUS COPYRIGHT 2003 ACS
TI Cloning and DNA sequence of feruloyl esterase from Aspergillus niger and its industrial applications

L8 ANSWER 30 OF 31 CAPLUS COPYRIGHT 2003 ACS
TI The products of the microsomal fatty acid elongase are determined by the expression and specificity of the condensing enzyme

L8 ANSWER 31 OF 31 CAPLUS COPYRIGHT 2003 ACS
TI ***FAE1*** genes encoding ***plant*** enzymes for fatty acid elongation and their use in altering patterns of ***plant*** fatty acid metabolism

=> d 18 27-31 ibib

L8 ANSWER 27 OF 31 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1999:9078 CAPLUS
DOCUMENT NUMBER: 130:165565
TITLE: Accumulation of very-long-chain fatty acids in membrane glycerolipids is associated with dramatic alterations in ***plant*** morphology
AUTHOR(S): Millar, Anthony A.; Wrzischaer, Mercedes; Kunst, Ljerka
CORPORATE SOURCE: Department of Botany, University of British Columbia, Vancouver, BC, V6T 1Z4, Can.
SOURCE: Plant Cell (1998), 10(11), 1889-1902
CODEN: PLCEEW; ISSN: 1040-4651
PUBLISHER: American Society of Plant Physiologists
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 28 OF 31 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1998:804127 CAPLUS
DOCUMENT NUMBER: 130:62946
TITLE: Fatty acid elongases of Arabidopsis involved in the synthesis of very long chain fatty acids and the genes encoding them
INVENTOR(S): Jaworski, Jan G.; Post-Beittenmiller, Martha Ann; Todd, James
PATENT ASSIGNEE(S): Cargill, Inc., USA
SOURCE: PCT Int. Appl., 76 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9854954	A1	19981210	WO 1998-US11384	19980601
W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
US 6307128	B1	20011023	US 1997-868373	19970603
AU 9877210	A1	19981221	AU 1998-77210	19980601
AU 749114	B2	20020620		
EP 986296	A1	20000322	EP 1998-925206	19980601
R:	AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, NL, PT			
JP 2002503961	T2	20020205	JP 1999-502798	19980601
US 2002066123	A1	20020530	US 2001-883797	20010618
PRIORITY APPLN. INFO.:			US 1997-868373 A	19970603
			WO 1998-US11384 W	19980601
REFERENCE COUNT:	3	THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L8 ANSWER 29 OF 31 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1998:221111 CAPLUS
 DOCUMENT NUMBER: 128:292163
 TITLE: Cloning and DNA sequence of feruloyl esterase from Aspergillus niger and its industrial applications
 INVENTOR(S): Borneman, William S.; Bower, Benjamin S.
 PATENT ASSIGNEE(S): Genencor International, Inc., USA; Borneman, William S.; Bower, Benjamin S.
 SOURCE: PCT Int. Appl., 41 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9814594	A2	19980409	WO 1997-US17614	19970929
WO 9814594	A3	19980702		
W:	AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
AU 9748926	A1	19980424	AU 1997-48926	19970929
AU 739267	B2	20011011		
CN 1246152	A	20000301	CN 1997-199664	19970929
EP 1007694	A2	20000614	EP 1997-911601	19970929
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI			

US 6368833	B1	20020409	US 1997-952445	19971118
MX 9903051	A	20000430	MX 1999-3051	19990330
PRIORITY APPLN. INFO.:			US 1996-722713	A2 19960930
			WO 1997-US17614	W 19970929

L8 ANSWER 30 OF 31 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1997:606974 CAPLUS
 DOCUMENT NUMBER: 127:275429
 TITLE: The products of the microsomal fatty acid elongase are determined by the expression and specificity of the condensing enzyme
 AUTHOR(S): Millar, Anthony; Kunst, Ljerka
 CORPORATE SOURCE: Dep. Botany, Univ. British Columbia, Vancouver, BC, V6T 1Z4, Can.
 SOURCE: Physiology, Biochemistry and Molecular Biology of Plant Lipids, [Proceedings of the International Symposium on Plant Lipids], 12th. Toronto, July 7-12, 1996 (1997), 72-74. Editor(s): Williams, John Peter; Khan, Mobashsher Uddin; Lem, Nora Wan. Kluwer: Dordrecht, Neth.
 CODEN: 65BHAZ
 DOCUMENT TYPE: Conference
 LANGUAGE: English

L8 ANSWER 31 OF 31 CAPLUS COPYRIGHT 2003 ACS
 ACCESSION NUMBER: 1996:410589 CAPLUS
 DOCUMENT NUMBER: 125:81760
 TITLE: ***FAE1*** genes encoding ***plant*** enzymes for fatty acid elongation and their use in altering patterns of ***plant*** fatty acid metabolism
 INVENTOR(S): James, Douglas W., Jr.; Lim, Eda; Keller, Janis; Dooner, Hugo K.
 PATENT ASSIGNEE(S): Dna Plant Technology Corporation, USA
 SOURCE: PCT Int. Appl., 47 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9613582	A1	19960509	WO 1995-US13918	19951023
W: AU, CA				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
CA 2203754	AA	19960509	CA 1995-2203754	19951023
AU 9539699	A1	19960523	AU 1995-39699	19951023
AU 703957	B2	19990401		
EP 788542	A1	19970813	EP 1995-937657	19951023
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
US 6124524	A	20000926	US 1997-888998	19970707
US 6184355	B1	20010206	US 1999-362633	19990721
PRIORITY APPLN. INFO.:			US 1994-329603	A 19941026
			WO 1995-US13918	W 19951023
			US 1997-888998	A1 19970707

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L8 ANSWER 23 OF 31 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2002:2044 CAPLUS
DOCUMENT NUMBER: 137:42378
TITLE: Cloning and molecular characterization of the Fatty Acid Elongase 1 (FAE 1) gene from high and low erucic acid lines of *Brassica campestris* and *Brassica oleracea*
AUTHOR(S): Das, S.; Roscoe, T. J.; Delseny, M.; Srivastava, P. S.; Lakshmikumaran, M.
CORPORATE SOURCE: Faculty of Science, Center for Biotechnology, Hamdard University, New Delhi, 110062, India
SOURCE: Plant Science (Shannon, Ireland) (2002), 162(2), 245-250
CODEN: PLSCE4; ISSN: 0168-9452
PUBLISHER: Elsevier Science Ireland Ltd.
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 24 OF 31 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2001:904497 CAPLUS
DOCUMENT NUMBER: 136:49334
TITLE: Chimeric fatty acid elongase 3-ketoacyl-CoA synthase comprising *Arabidopsis thaliana* and *Brassica napus* enzymes with altered substrate specificity and/or catalytic activity
INVENTOR(S): Jaworski, Jan G.; Blacklock, Brenda J.
PATENT ASSIGNEE(S): Miami University, USA
SOURCE: PCT Int. Appl., 139 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001094565	A2	20011213	WO 2001-US18737	20010608

WO 2001094565 A3 20020502
W: AU, CA, US
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
PT, SE, TR
US 2002049994 A1 20020425 US 2001-877476 20010608
PRIORITY APPLN. INFO.: US 2000-210326P P 20000608

L8 ANSWER 25 OF 31 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2001:868684 CAPLUS
DOCUMENT NUMBER: 136:15966
TITLE: DNA molecule encoding *Lesquerella fendleri* gene
LfkCS3, its sequence and use in production of very
long chain fatty acids in seed oil
INVENTOR(S): Kunst, Ljerka; Smith, Mark Andrew; Moon, Hangsik
PATENT ASSIGNEE(S): The University of British Columbia, Can.
SOURCE: PCT Int. Appl., 18 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001090364	A2	20011129	WO 2001-IB1140	20010524
WO 2001090364	A3	20020613		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
PRIORITY APPLN. INFO.:			US 2000-206789P	P 20000524

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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.90	42.66

STN INTERNATIONAL LOGOFF AT 15:34:56 ON 11 FEB 2003